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5 one or more stream packets containing one or more
application packets; and

10 4. The medium of claim 3, wherein said packet includes an application header extension being used to store information that can differ from one application packet to another application packet.

6. A method of recording bitstream information that comprises an data object formed of one or more data object units each of which serves as a prescribed data unit; control information of said data object; access unit data used ^Bfor accessing an access unit which is a part of contents of said data object, said access unit data being contained in said control information; and a bitstream being formed of a series of packets, said bitstream including contents of said data object and contents of said control information, wherein said bitstream information is recorded on

an information recording medium.

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7. A method of recording bitstream information on an information recording medium, said bitstream information comprising an data object formed of one or more data object units each of which serves as a prescribed data unit; control information of said data object; access unit data used for accessing an access unit which is a part of contents of said data object, said access unit data being contained in said control information; and a bitstream being formed of a series of packets, said bitstream including contents of said data object and contents of said control information, wherein said packets include one or more sequential or continuous stream packets containing one or more application packets; and partial application packets obtained by splitting said application packets across boundaries of said sequential or continuous stream packets,

wherein each of said application packets has an application timestamp at the leading portion thereof, and

wherein, when said bitstream information is recorded on said information recording medium, a first byte of said application timestamp of a first one of said application packets is aligned to a start of an application packet area in a first one of said stream packets, said first one of said stream packets being

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that comprises an data object formed of one or more data object units each of which serves as a prescribed data unit; control information of said data object; access unit data used for accessing an access unit which is a part of contents of said data object, said access unit data being contained in said control information; and a bitstream being formed of a series of packets, said bitstream including contents of said data object and contents of said control information,

5 wherein contents of said bitstream is reproduced from said bitstream information, based on said access unit data,

10 wherein said packets include one or more sequential or continuous stream packets containing one or more application packets; and partial application packets obtained by splitting said application packets across boundaries of said sequential or continuous stream packets,

15 wherein each of said application packets has an application timestamp at the leading portion thereof, and

20 wherein, when a first byte of said application timestamp of a first one of said application packets is aligned to a start of an application packet area in a first one of said stream packets located at beginning of said data object, the split one of said partial application packets is reproduced based on contents of

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12. A stream information management apparatus comprising:
 a receiving unit for receiving stream information;
 a management information generating unit for generating management information relating to the stream information;
 a management information detecting unit for detecting management information relating to the stream information;
 an adding unit for adding the management information to the stream information;
 a recording unit for recording the stream information to which the management information is added.

13. The apparatus according to claim 12, wherein the management information contains a management information identifier; and the management information detecting unit is configured to detect the management information identifier.

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means for detecting the support information relating to the stream information;

means for recording on a recording medium the received stream information and the prepared management information to which the detected support information is added.

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information indicating a start position of said access unit; and

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